UNITED STATES
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 10-K/A

(Amendment No. 1)

(Mark One)

[X] ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended **December 31, 2013**

OR

[ ] TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Commission file number: **001-34487**

LIGHTBRIDGE CORPORATION

(Exact name of registrant as specified in its charter)

Nevada	**91-1975651**
(State or other jurisdiction of incorporation or organization)	(I.R.S. Employer Identification No.)

1600 Tysons Boulevard, Suite 550
Mclean, Virginia 22102
(Address of principal executive offices) (Zip Code)

(571) 730-1200
(Registrant's telephone number, including area code)

Securities registered pursuant to Section 12(b) of the Act:

Title of each class
Common Stock, $0.001 par value

Name of each exchange on which registered
The NASDAQ Capital Market

Securities registered pursuant to Section 12(g) of the Act: **None**

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act.
Yes [ ] No [X]

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act.
Yes [ ] No [X]

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.
Yes [X] No [ ]

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Website, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files).
Yes [X] No [ ]

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K (§229.405 of this chapter) is not contained herein, and will not be contained, to the best of the registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K. [X]

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer [ ] Accelerated filer [ ] Non-accelerated filer [ ] Smaller reporting company [X]

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).
Yes [ ] No [X]

At June 30, 2013, the aggregate market value of shares held by non-affiliates of the registrant (based upon the closing sale price of such shares on the NASDAQ Capital Market on June 30, 2013) was $17,612,124.

At March 19, 2014 there were 15,064,069 shares of the registrant's common stock issued and outstanding.

DOCUMENTS INCORPORATED BY REFERENCE

Portions of the registrant's Proxy Statement for the 2014 Annual Meeting of Stockholders are incorporated herein by reference in Part III of this Annual Report on Form 10-K to the extent stated herein. Such proxy statement was filed with the Securities and Exchange Commission on April 23, 2014.

Explanatory Note

This Amendment No. 1 on Form 10-K/A (this "Amendment") is being filed to amend our Annual Report on Form 10-K for the fiscal year ended December 31, 2013 (the "Original Filing"), filed with the Securities and Exchange Commission (the "SEC") on March 27, 2014 (the "Original Filing Date"). The sole purpose of this Amendment is to include Exhibits 23.1 and 23.2, Consents of Anderson Bradshaw PLLC, which was inadvertently omitted from the original filing.

Pursuant to Rule 12b-15 under the Exchange Act, this Amendment also contains new certifications pursuant to Section 302 of the Sarbanes-Oxley Act of 2002, which are attached hereto. Because no financial statements or financial information have been included in this Amendment and this Amendment does not contain or amend any disclosure with respect to Items 307 and 308 of Regulation S-K, paragraphs 3, 4, and 5 of the certifications have been omitted.

Except as described above, no changes have been made to the Original Filing, and this Amendment does not modify, amend or update in any way any of the financial or other information contained in the Original Filing. This Amendment does not reflect events that may have occurred subsequent to the Original Filing Date.

PART IV

Item 15. Exhibits and Financial Statement Schedules

The following exhibits are filed with this report, except those indicated as having previously been filed with the Securities and Exchange Commission and are incorporated by reference to another report, registration statement or form. As to any shareholder of record requesting a copy of this report, we will furnish any exhibit indicated in the list below as filed with this report upon payment to us of our expenses in furnishing the information.

Exhibit Number	Description
3.1	Articles of Incorporation of the registrant as filed with the Secretary of State of Nevada. (Incorporated by reference to Exhibit 3.1 to the Registrant's registration statement on Form SB-2 filed on December 11, 2001 in commission file number 333-74914)
3.2	Certificate of Amendment to Articles of Incorporation. (Incorporated by reference to Exhibit 3.1 to the Registrant's current report on 8-K filed on February 13, 2006)
3.3	Certificate of Amendment to Articles of Incorporation. (Incorporated by reference to appendix A to the Registrant's definitive information statement on Schedule 14C filed on July 31, 2006)
3.4	Certificate of Amendment to Articles of Incorporation. (Incorporated by reference to Exhibit 3.1 to the Registrant's current report on 8-K filed on September 25, 2009)
3.5	Amended and Restated Bylaws of the Registrant. (Incorporated by reference to Exhibit 3.2 to the Registrant's current report on 8-K filed on July 9, 2007)
4.1	2006 Stock Plan (incorporated by reference to Exhibit 10.1 of the current report of the Company on Form 8-K filed February 21, 2006).
10.1	Employment Agreement, dated as of February 14, 2006, between the Company and Seth Grae (incorporated by reference to Exhibit 10.2 of the current report of the Company on Form 8-K filed February 21, 2006).
10.2	Teaming Agreement dated February 22, 2006 between The University of Texas System, The University of Texas of the Permian Basin, The University of Texas at Austin, The University of Texas at Arlington, The University of Texas at Dallas, The University of Texas at El Paso, The City of Andrews, Texas, Andrews County, Texas, the Midland Development Corporation, the Odessa Development Corporation, Thorium Power and General Atomics (incorporated by reference from Exhibit 10. the Company's Registration Statement on Form S-4 filed June 14, 2006).
10.3	Employment Agreement, dated July 27, 2006, between the Company and Andrey Mushakov (incorporated by reference to Exhibit 10.1 of the current report of the Company on Form 8-K filed August 4, 2006).
10.4	Independent Director Contract, dated August 21, 2006, between the Company and Victor Alessi (incorporated by reference to Exhibit 10.1 of the current report of the Company on Form 8-K filed August 25, 2006).
10.5	Independent Director Contract, dated October 10, 2013, between the Company and Kathleen Kennedy Townsend (incorporated by reference to Exhibit 10.5 of the currently report of the Company on Form 10-K filed March 27, 2014)
10.6	Independent Director Contract, dated October 23, 2006, between the Company and Daniel B. Magraw (incorporated by reference to Exhibit 10.2 to the Company's Current Report on Form 8- K, filed on October 23, 2006).
10.7	Employment Agreement, dated February 1, 2007, between James Guerra and the Company (incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, filed on October 23, 2007).
10.8	Agreement for Ampoule Irradiation Testing in 2006 – 2007, dated December 28, 2007, between Thorium Power, Inc. and Russian Research Centre Kurchatov Institute (incorporated by reference to Exhibit 10.9 to the Company's Annual Report on Form 10-K, filed on March 26, 2009).

10.9	Restricted Stock Grant Agreement, dated July 14, 2009, between Seth Grae and the Company (incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, filed on July 20, 2009).
10.10	Stock Option Agreement, dated July 14, 2009, between Seth Grae and the Company (incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, filed on July 20, 2009).
10.11	Restricted Stock Grant Agreement, dated July 14, 2009, between James Guerra and the Company (incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, filed on July 20, 2009).
10.12	Stock Option Agreement, dated July 14, 2009, between James Guerra and the Company (incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, filed on July 20, 2009).
10.13	Initial Collaborative Agreement, dated July 23, 2009, between the Company and AREVA (incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, filed on July 23, 2009).
10.14	Agreement for Consulting Services, dated August 3, 2009, between the Company and AREVA (incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, filed on August 4, 2009).
10.15	Collaboration Framework Agreement, dated August 3, 2009, between the Company and AREVA (incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, filed on August 6, 2009).
10.16	Agreement for Ampoule Irradiation Testing, effective as of August 21, 2009, between Thorium Power, Inc. and Russian Research Centre Kurchatov Institute (incorporated by reference to Exhibit 10.1 to the Company's Current Report on Form 8-K, filed on August 25, 2009).
14.1	Code of Ethics (incorporated by reference from the Company's Annual Report on Form 10-KSB filed on November 25, 2005).
23.1*	Consent of Anderson Bradshaw PLLC
23.2*	Consent of Anderson Bradshaw PLLC
31.1*	Rule 13a-14(a)/15d-14(a) Certification — Principal Executive Officer.
31.2*	Rule 13a-14(a)/15d-14(a) Certification — Principal Accounting Officer.
32	Section 1350 Certifications (incorporated by reference from the Company's Annual Report on Form 10-K, filed March 27, 2014)
101.INS	XBRL Instance Document (incorporated by reference from the Company's Annual Report on Form 10-K, filed March 27, 2014)
101.SCH	XBRL Taxonomy Extension Schema Document (incorporated by reference from the Company's Annual Report on Form 10-K, filed March 27, 2014)
101.CAL	XBRL Taxonomy Extension Calculation Linkbase Document (incorporated by reference from the Company's Annual Report on Form 10-K, filed March 27, 2014)
101.DEF	XBRL Taxonomy Extension Definition Linkbase Document (incorporated by reference from the Company's Annual Report on Form 10-K, filed March 27, 2014)
101.LAB	XBRL Taxonomy Extension Label Linkbase Document (incorporated by reference from the Company's Annual Report on Form 10-K, filed March 27, 2014)
101.PRE	XBRL Taxonomy Extension Presentation Linkbase Document (incorporated by reference from the Company's Annual Report on Form 10-K, filed March 27, 2014)

XBRL (Extensible Business Reporting Language) information is furnished and not filed or a part of a registration statement or prospectus for purposes of sections 11 or 12 of the Securities Act of 1933, is deemed not filed for purposes of section 18 of the Securities Exchange Act of 1934, and otherwise is not subject to liability under these sections.

* Filed herewith

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

LIGHTBRIDGE CORPORATION

Date: September 17, 2014

By: /s/ Seth Grae
Seth Grae
Chief Executive Officer,
President and Director

Exhibit 23.1

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Board of Directors
Lightbridge Corporation
1600 Tysons Boulevard, Suite 550
McLean, VA 22102

We hereby consent to the incorporation by reference in Registration Statement No. 333-135842 on Form S-8 of our report dated March 21, 2014, with respect to the financial statements of Lightbridge Corporation (the "Company"), appearing in the Company's Annual Report on Form 10-K for the year ended December 31, 2013.

/s/ ANDERSON BRADSHAW PLLC

Salt Lake City, Utah

March 21, 2014

Exhibit 23.2

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Board of Directors
Lightbridge Corporation
1600 Tysons Boulevard, Suite 550
McLean, VA 22102

We hereby consent to the incorporation by reference in Registration Statement No. 333-187659 on Form S-3 of our report dated March 21, 2014, with respect to the financial statements of Lightbridge Corporation (the "Company"), appearing in the Company's Annual Report on Form 10-K for the year ended December 31, 2013.

/s/ ANDERSON BRADSHAW PLLC

Salt lake City, Utah

March 21, 2014

Exhibit 31.1

Certification of Principal Executive Officer

I, Seth Grae, certify that:

1. I have reviewed this Annual Report on Form 10-K/A (Amendment No. 1) of Lightbridge Corporation; and

2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report.

Date: September 17, 2014

/s/ Seth Grae
Seth Grae, Principal Executive Officer

Exhibit 31.2

Certification of Principal Financial Officer

I, James Guerra, certify that:

1. I have reviewed this Annual Report on Form 10-K/A (Amendment No. 1) of Lightbridge Corporation; and

2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report.

Date: September 17, 2014

/s/ James Guerra
James Guerra, Principal Financial and Accounting Officer